

ABSTRACT OF THE DISCLOSURE

In a method of using a bipolar junction transistor as a self-oscillating down converter of a satellite down converter, a bipolar junction transistor substitutes
5 for a mixer and a local oscillator in a signal processing circuit to achieve the same effect while the circuit is simplified. Therefore, the circuit is less complicate and may have reduced circuit area, enabling
10 the satellite down converter to be manufactured at lower cost and in reduced dimensions.